

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

|                        |                      |
|------------------------|----------------------|
| Application Number     | 10700512             |
| Filing Date            | 2003-11-05           |
| First Named Inventor   | Pushpito Kumar Ghosh |
| Art Unit               | 1797                 |
| Examiner Name          | Menon, Krishnan S.   |
| Attorney Docket Number | 3095-009             |

**U.S.PATENTS**

| Examiner Initial* | Cite No | Patent Number | Kind Code <sup>1</sup> | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
|                   | 1       |               |                        |            |   |  |

If you wish to add additional U.S. Patent citation information please click the Add button.

**U.S.PATENT APPLICATION PUBLICATIONS**

| Examiner Initial* | Cite No | Publication Number | Kind Code <sup>1</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|                   | 1       |                    |                        |                  |   |  |

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

| Examiner Initial* | Cite No | Foreign Document Number <sup>3</sup> | Country Code <sup>2</sup> i | Kind Code <sup>4</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T <sup>5</sup>           |
|-------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|--|--------------------------|
|                   | 1       |                                      |                             |                        |                  |   |  | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

|                    |         |   |                |
|--------------------|---------|---|----------------|
| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>5</sup> |
|--------------------|---------|---|----------------|

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

|                        |                      |
|------------------------|----------------------|
| Application Number     | 10700512             |
| Filing Date            | 2003-11-05           |
| First Named Inventor   | Pushpito Kumar Ghosh |
| Art Unit               | 1797                 |
| Examiner Name          | Menon, Krishnan S.   |
| Attorney Docket Number | 3095-009             |

|   |  |
|---|--|
| 1 | Freeman, Michael, "Membrane Separations - Membrane Filtration Systems can Be Customized for a Variety of Applications", C & EN, London, June 16, 2003, 3 pages. <input type="checkbox"/>   |
| 2 | Extract from Ullmann's Encyclopedia of Industrial Chemistry, Sixth Edition, 2002, Electronic Release, 4 pages, 7.3 Large-Scale Applications of Reverse Osmosis and 7.5 Applications of Other Membrane Separation Process. <input type="checkbox"/> |
| 3 | Warner, Tim N. and Sam Nochumson, "Membrane-Based Chromatography is Paving the Way for High-Throughput Biopharmaceutical Processing", Modern Drug Discovery, February 2003, pages 45-46 and 49. <input type="checkbox"/>                           |

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.